

WBS NO: 2027CPT.01.03.10481, ETC.

CONTRACT: DA00684

STATE OF NORTH CAROLINA

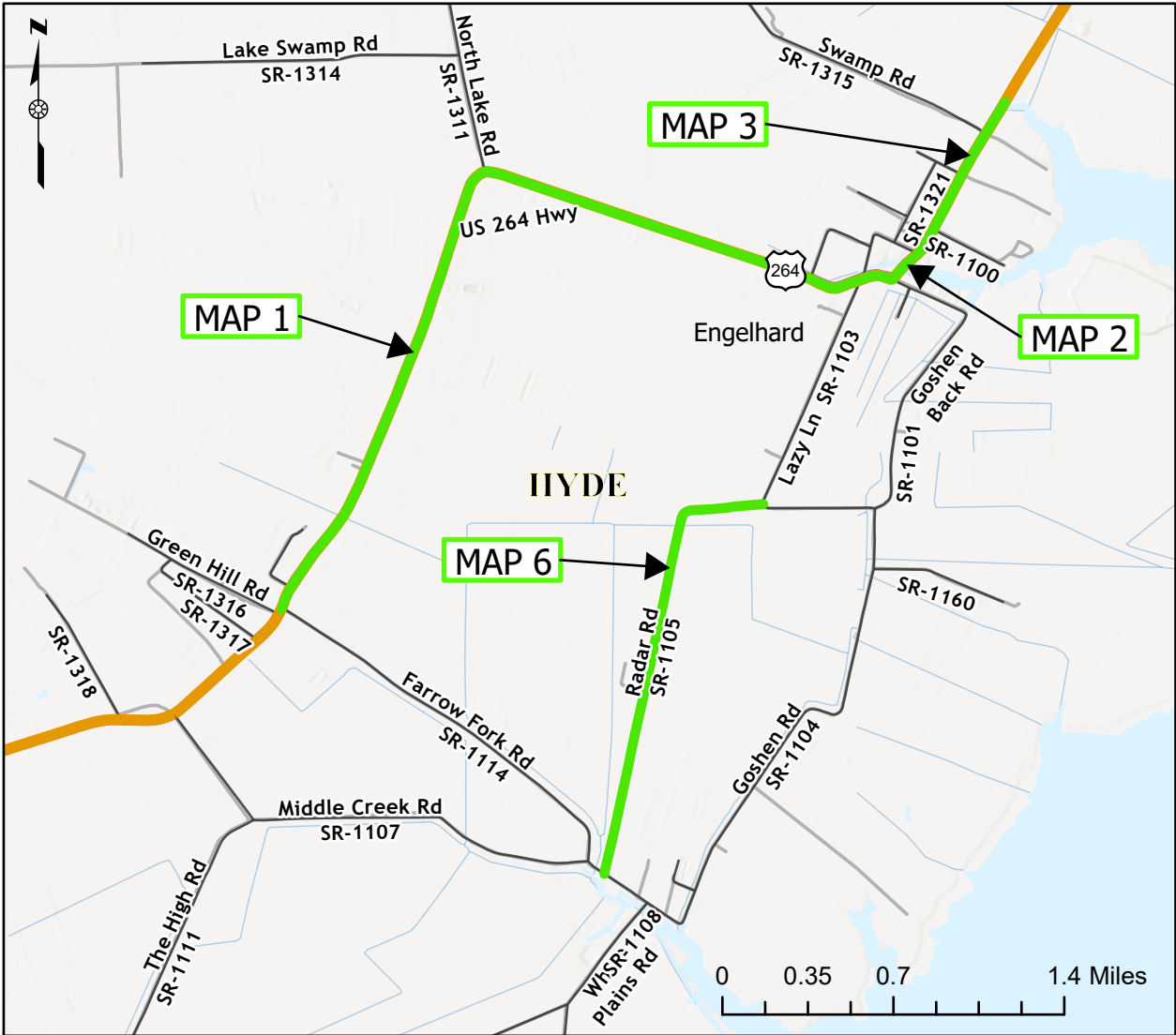
DIVISION OF HIGHWAYS

HYDE

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2027CPT.01.03.10481, ETC.	1
STATE PROJECT NUMBER		DESCRIPTION
2027CPT.01.03.10481		P.E., CONST.
2027CPT.01.03.20481		P.E., CONST.

TYPE OF WORK: MILLING, RESURFACING, & SHOULDER RECONSTRUCTION

MAP	ROUTE	FROM	TO
01	US 264	SR 1114 (Farrow Fork Rd.)	Width Change
02	US 264	Width Change	SR 1320 (Golden St.)
03	US 264	SR 1320 (Golden St.)	Bridge # 54
06	SR 1105 (Radar Rd.)	SR 1103 (Lazy Ln.)	SR 1114 (Farrow Fork Rd.)



PROJECT LENGTH

MAP	MILES
01	2.59
02	0.61
03	0.56
06	1.5

Prepared in the Office of:
DIVISION OF HIGHWAYS
113 AIRPORT DR., EDENTON, NC 27932

B. N. BRASWELL, PE
DIV. PROJ. DEVELOPMENT ENGINEER

M. S. WINSLOW
DIVISION CONTRACT ENGINEER

D. J. CLODGO, PE, PMP
DIVISION PROJECT TEAM LEAD

D. H. STALLINGS
DIVISION DESIGN ENGINEER



WBS NO: 2027CPT.01.03.10481, ETC.

CONTRACT: DA00684

STATE OF NORTH CAROLINA

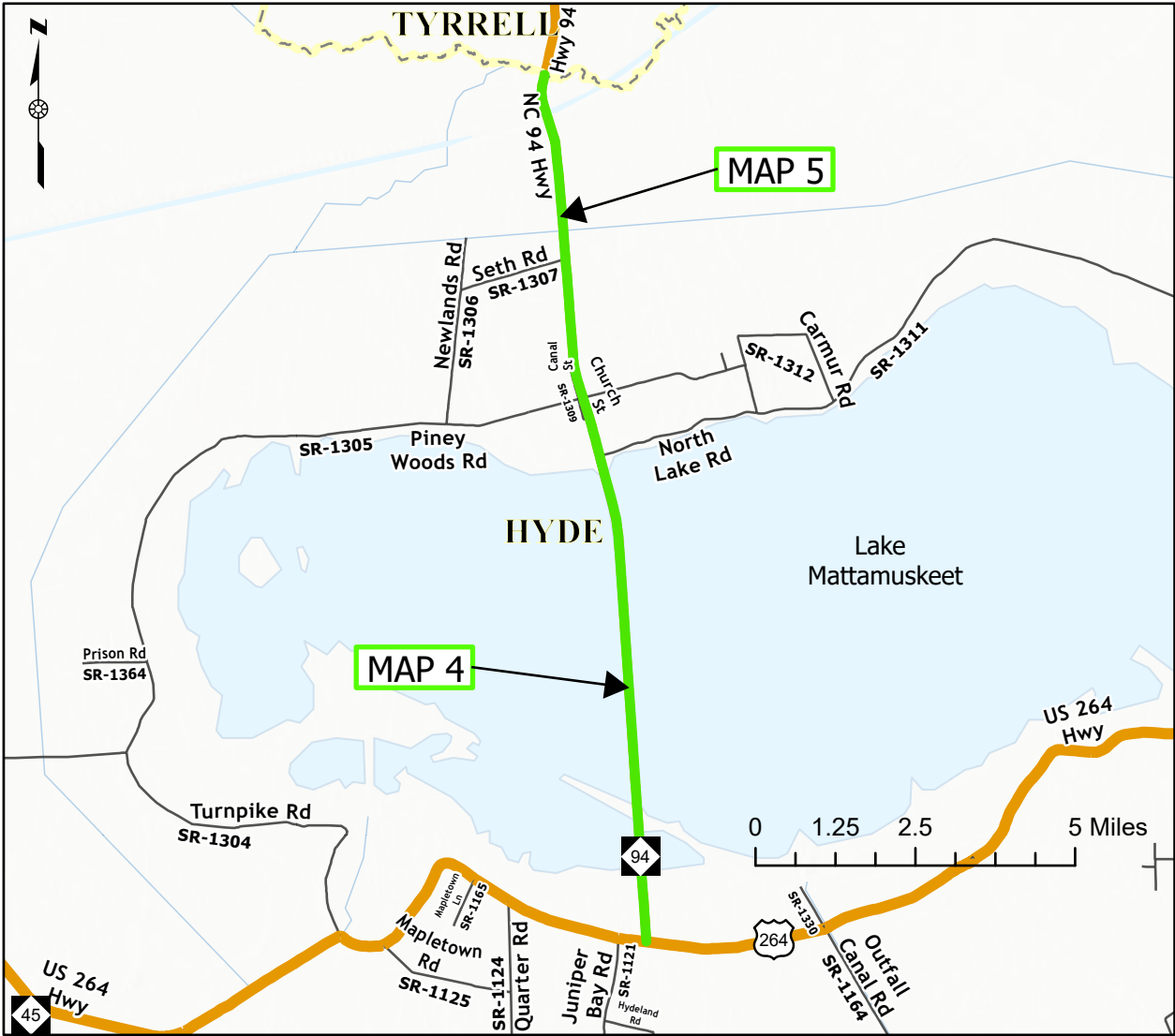
DIVISION OF HIGHWAYS

HYDE

STATE	STATE PROJECT REFERENCE NUMBER	SHEET NO.
NC	2027CPT.01.03.10481, ETC.	2
STATE PROJECT NUMBER		DESCRIPTION
2027CPT.01.03.10481		P.E., CONST.
51985		P.E., CONST.

TYPE OF WORK: MILLING, RESURFACING, & SHOULDER RECONSTRUCTION

MAP	ROUTE	FROM	TO
04	NC 94	US 264	SR 1309 (Church Rd.)
05	NC 94	SR 1309 (Church Rd.)	Tyrrell Co



PROJECT LENGTH

MAP	MILES
04	7.47
05	3.662

Prepared in the Office of:
DIVISION OF HIGHWAYS
113 AIRPORT DR., EDENTON, NC 27932

B. N. BRASWELL, PE
DIV. PROJ. DEVELOPMENT ENGINEER

M. S. WINSLOW
DIVISION CONTRACT ENGINEER

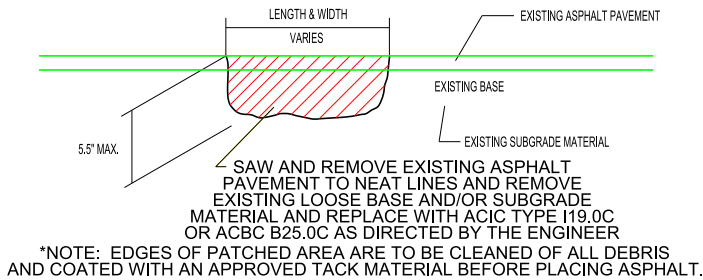
D. J. CLODGO, PE, PMP
DIVISION PROJECT TEAM LEAD

D. H. STALLINGS
DIVISION DESIGN ENGINEER



PAVEMENT SCHEDULE

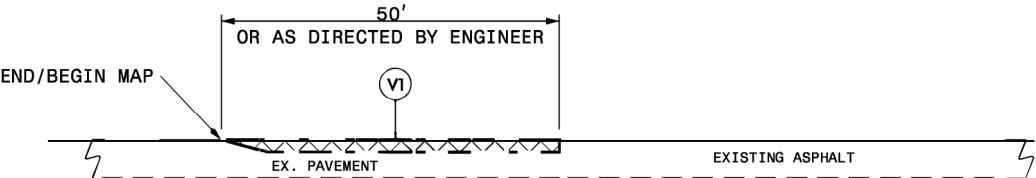
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
V2	MILLING ASPHALT PAVEMENT, 1.5" DEPTH
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING



PATCHING EXISTING PAVEMENT (FULL DEPTH)

NOTES:

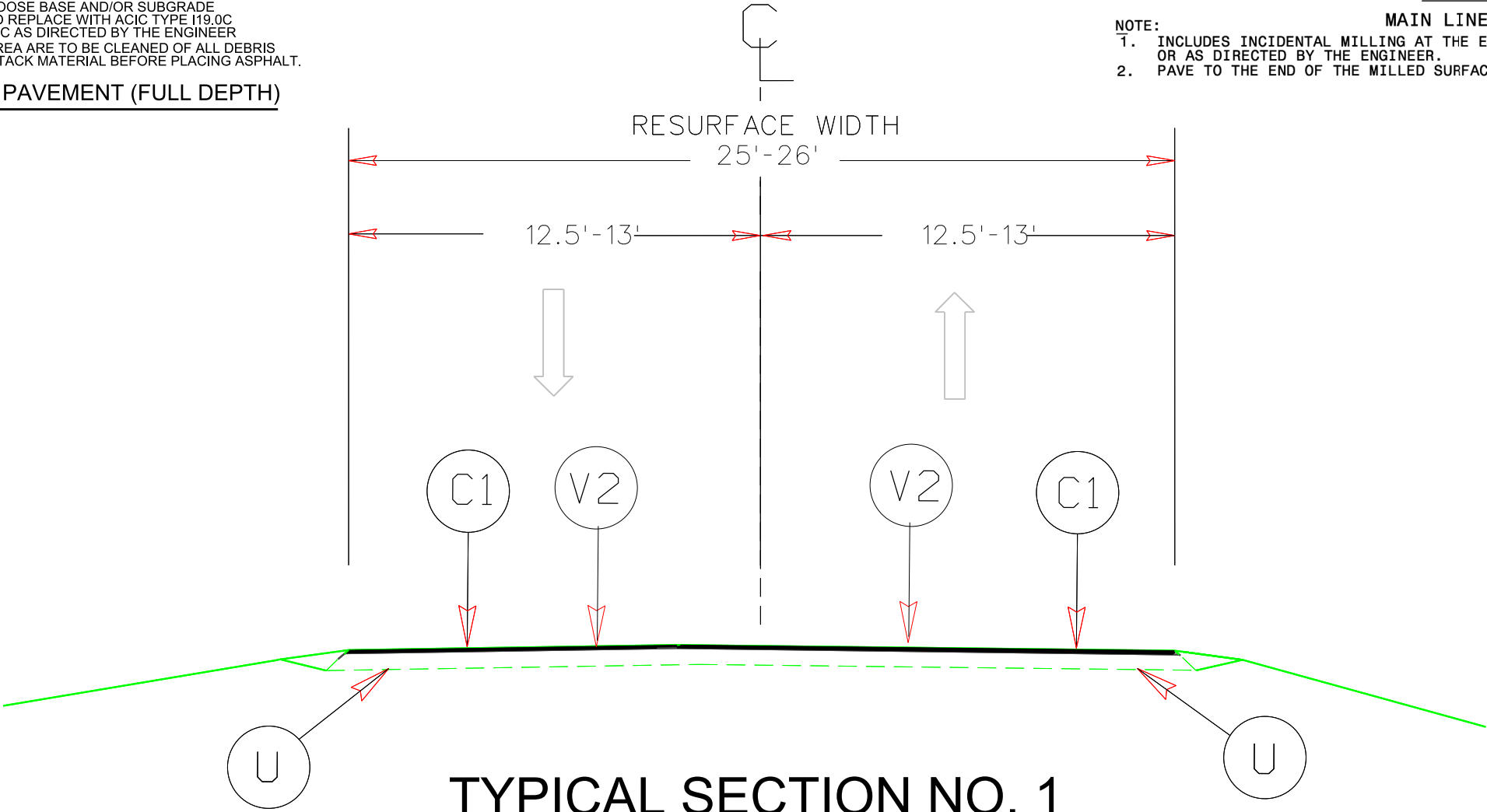
- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 1.5" OF S9.5C TO BE APPLIED THE FULL WIDTH OF THE ROADWAY
- * SHOULDER WEDGE SHALL BE USED ON ALL ROADS 22' OR WIDER OR AS DIRECTED BY THE ENGINEER
- * CONTRACTOR SHALL PERFORM PATCHING EXISTING PAVEMENT, FULL DEPTH BEFORE APPLICATION OF 1.5" OF S9.5B
- * USE OF A MATERIAL TRANSFER VEHICLE IS REQUIRED ON MAP 1



DETAIL 1

MAIN LINE MILLING

- NOTE:
1. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE SECTIONS, OR AS DIRECTED BY THE ENGINEER.
 2. PAVE TO THE END OF THE MILLED SURFACE TO CREATE A SMOOTH TRANSITION.



TYPICAL SECTION NO. 1

USE WITH MAPS 1 & 3

SYNTHETIC
USE NAME

NTS

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
V1	INCIDENTAL MILLING
V2	MILLING ASPHALT PAVEMENT, 1.5" DEPTH
U	EXISTING PAVEMENT

NOTES:

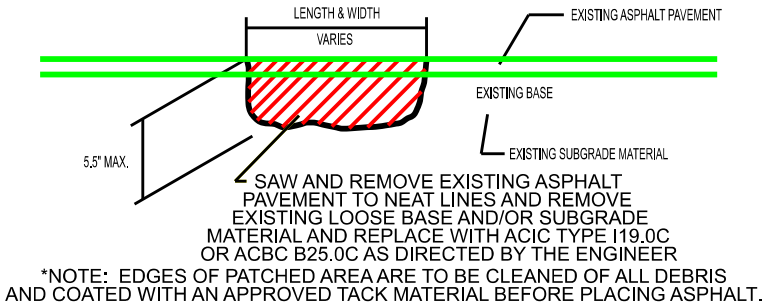
- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 1.5" OF S9.5C TO BE APPLIED THE FULL WIDTH OF THE ROADWAY
- * CONTRACTOR SHALL PERFORM PATCHING EXISTING PAVEMENT, FULL DEPTH BEFORE APPLICATION OF 1.5" OF S9.5C

PROJECT REFERENCE NO.

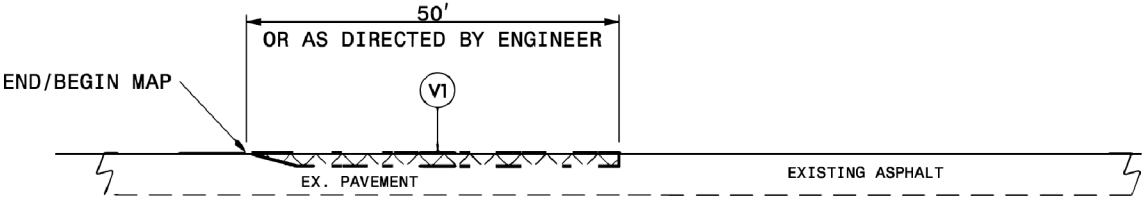
SHEET NO.

2027CPT.01.03.10481, ETC.

4



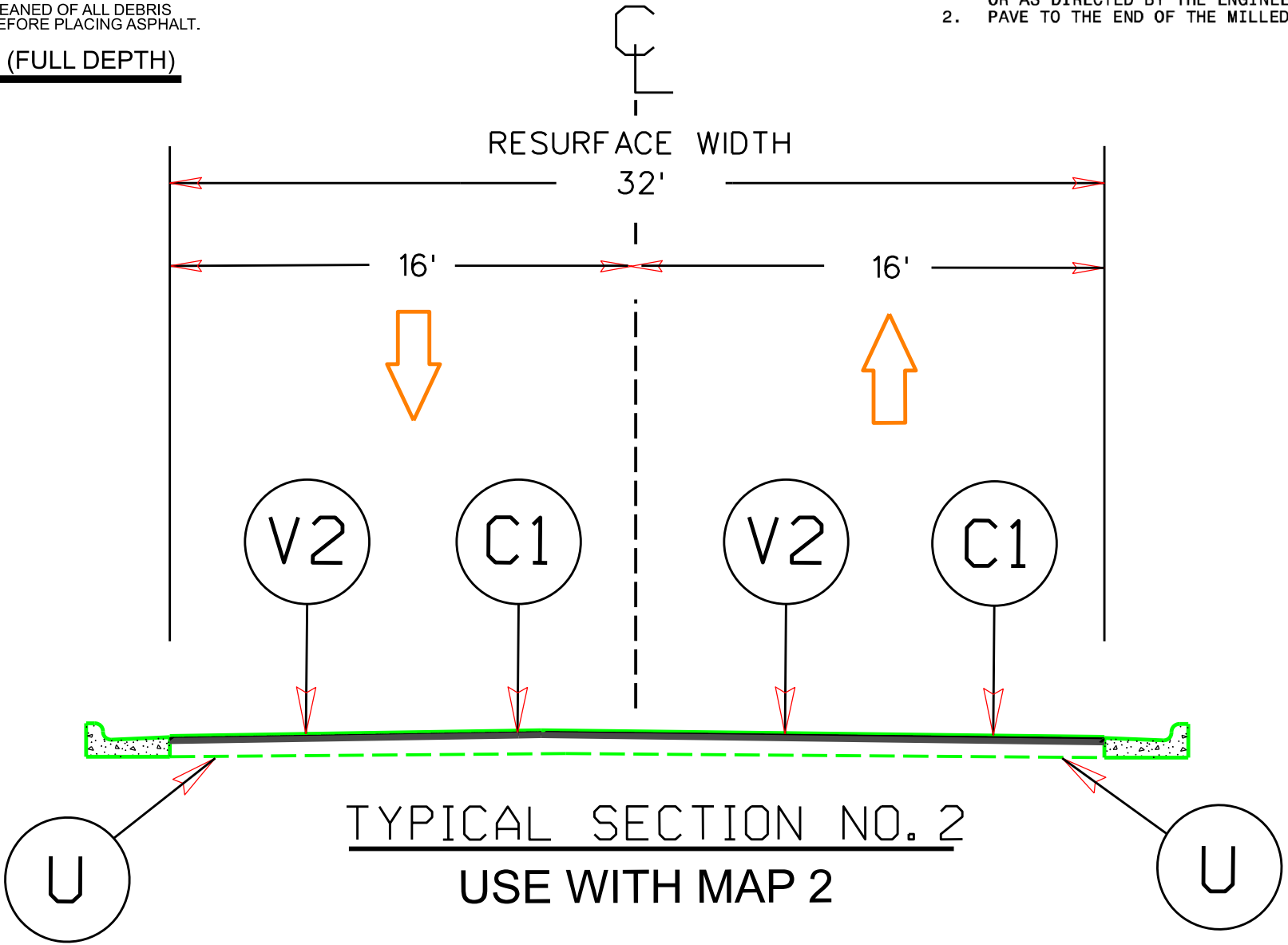
PATCHING EXISTING PAVEMENT (FULL DEPTH)



DETAIL 1

MAIN LINE MILLING

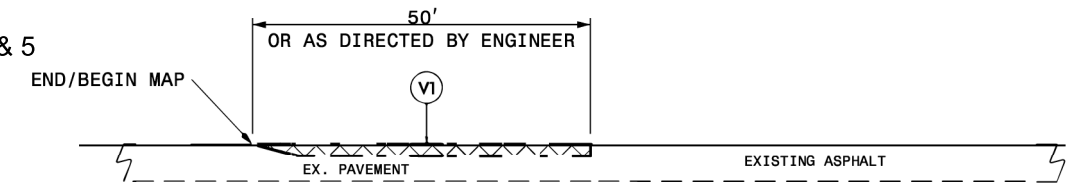
- NOTE:
1. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE SECTIONS, OR AS DIRECTED BY THE ENGINEER.
 2. PAVE TO THE END OF THE MILLED SURFACE TO CREATE A SMOOTH TRANSITION.



C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
V2	MILLING ASPHALT PAVEMENT, 1.5" DEPTH
U	EXISTING PAVEMENT
V1	INCIDENTAL MILLING
M1	PROP. APPROX. 18" SINUSOIDAL RUMBLE STRIPS (CENTERLINE)
M2	PROP. APPROX. 8" SINUSOIDAL RUMBLE STRIPS (EDGE LINES)
T	SHOULDER RECONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
2027CPT.01.03.10481, ETC.	5

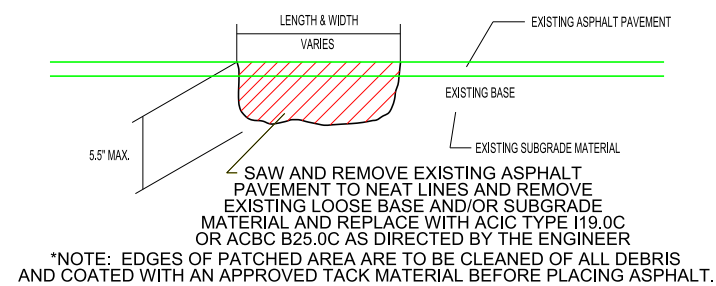
- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 1.5" OF S9.5C TO BE APPLIED THE FULL WIDTH OF THE ROADWAY
- * SHOULDER WEDGE SHALL BE USED ON ALL ROADS 22' OR WIDER OR AS DIRECTED BY THE ENGINEER
- * SHOULDER RECONSTRUCTION WILL ONLY BE PERFORMED ON MAP #5
- * CONTRACTOR SHALL PERFORM PATCHING EXISTING PAVEMENT, FULL DEPTH BEFORE APPLICATION OF 1.5" OF S9.5C
- * USE OF A MATERIAL TRANSFER VEHICLE IS REQUIRED ON MAPS 4 & 5



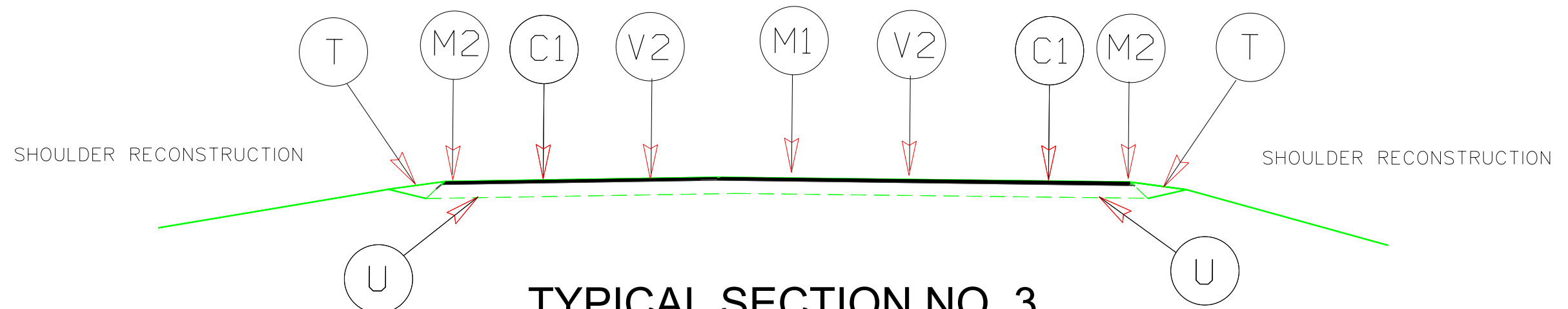
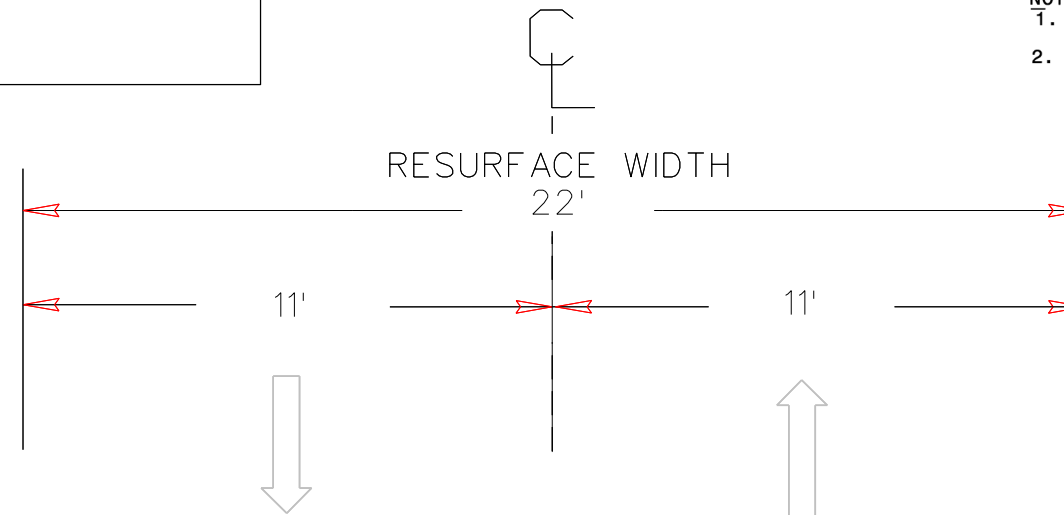
MAIN LINE MILLING

NOTE:

1. INCLUDES INCIDENTAL MILLING AT THE ENDS OF MAIN LINE SECTIONS, OR AS DIRECTED BY THE ENGINEER.
2. PAVE TO THE END OF THE MILLED SURFACE TO CREATE A SMOOTH TRANSITION.



PATCHING EXISTING PAVEMENT (FULL DEPTH)



TYPICAL SECTION NO. 3

USE WITH MAPS 4&5

NTS

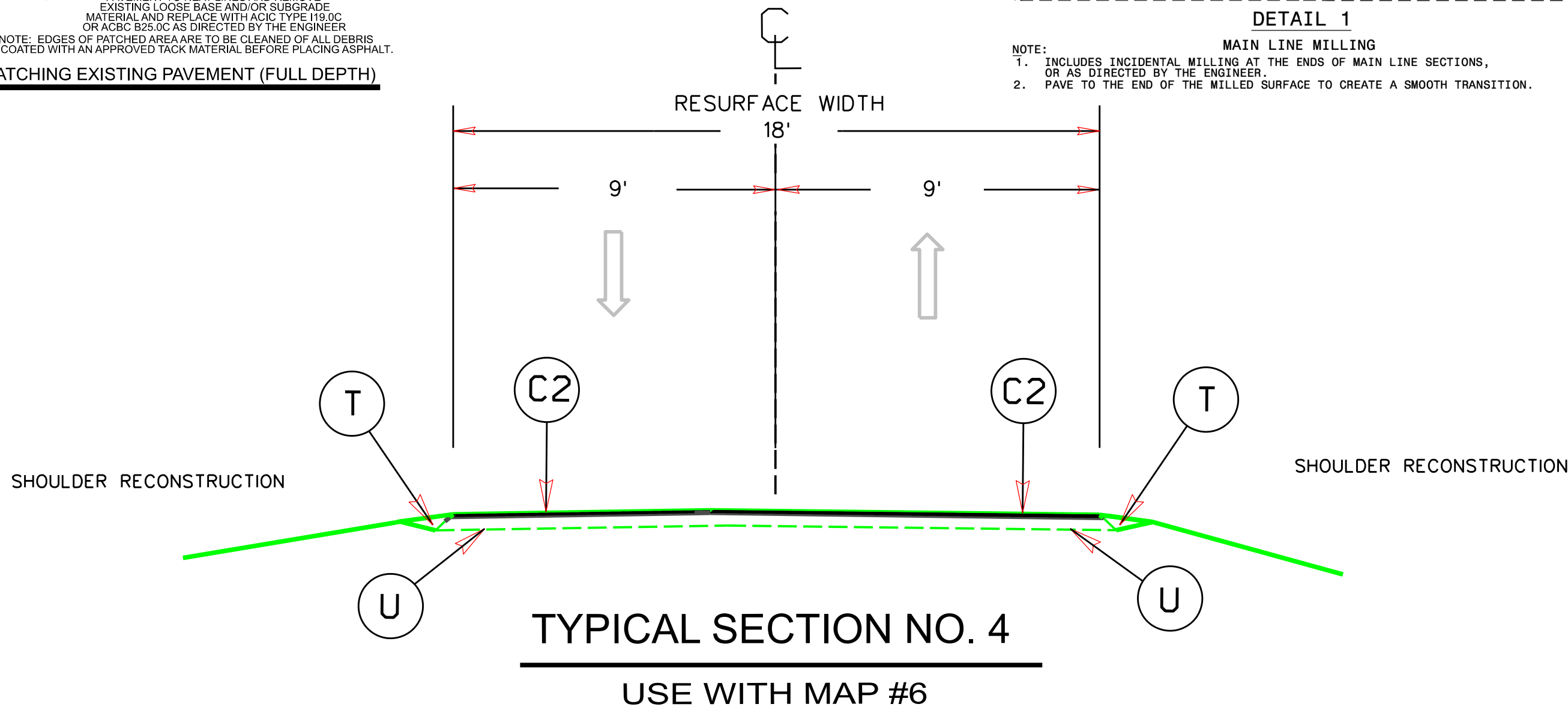
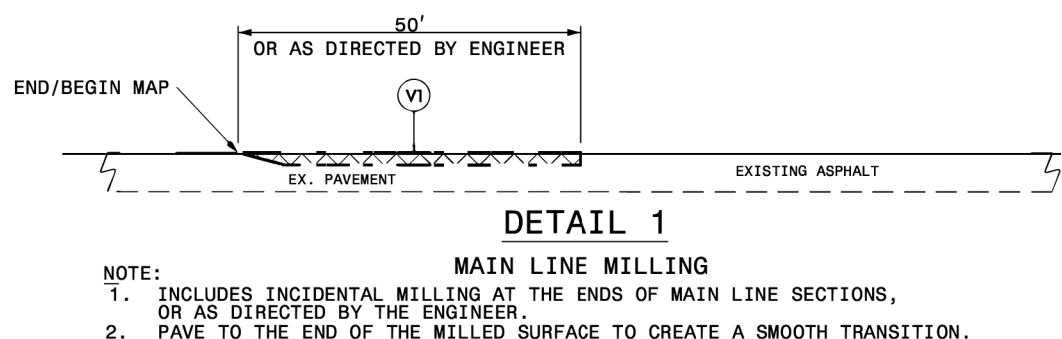
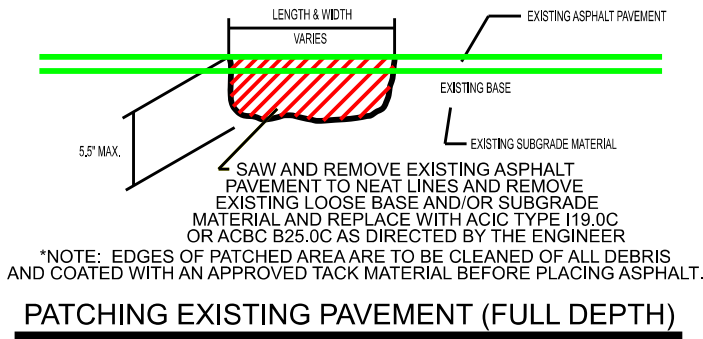
#####SYTIME####
#####DGN#####
#####ISERNAME####

PAVEMENT SCHEDULE	
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.
U	EXISTING PAVEMENT
T	SHOULDER RECONSTRUCTION

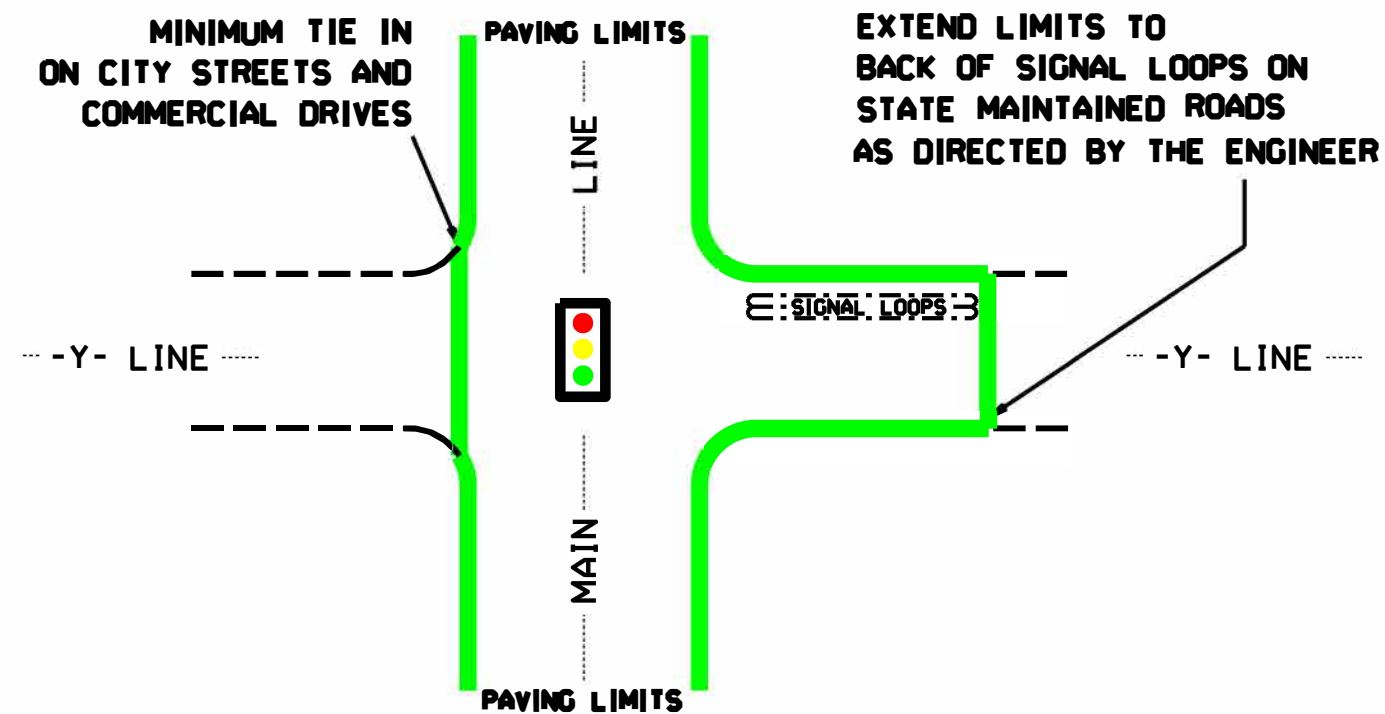
PROJECT REFERENCE NO.	SHEET NO.
2027CPT.01.03.10481, ETC.	6

NOTES:

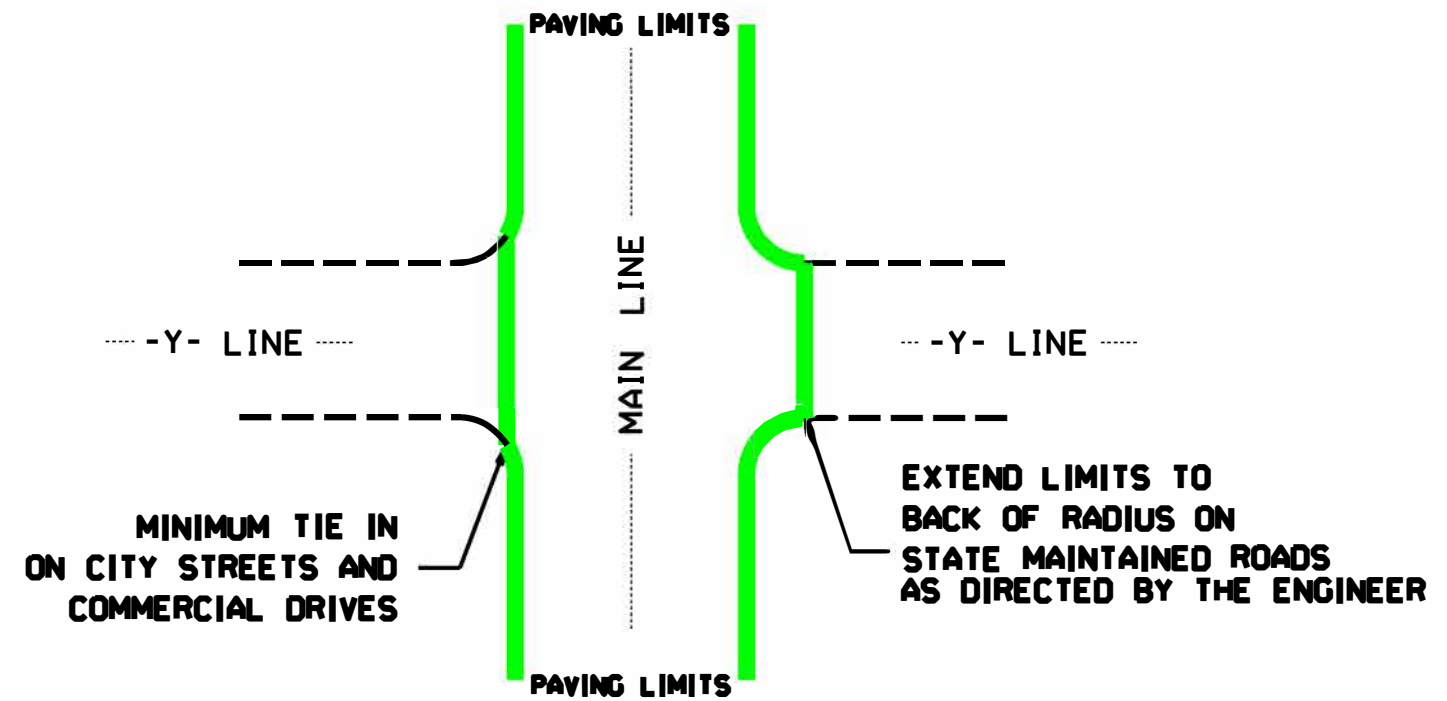
- * ALL INTERSECTING ROADS ARE TO BE RESURFACED TO THE ENDS OF THEIR RADII, THE MAIN LINE RIGHT OF WAY OR AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE ANY TAPERS AND TURN LANES LOCATED BOTH ON THE MAIN LINE OR INTERSECTING PAVED ROADWAY.
- * EDGES, PAVEMENT WIDENING, INTERSECTIONS AND BRIDGE FLARES ARE INCLUDED IN THE SUMMARY OF QUANTITIES.
- * 1.5" OF S9.5B TO BE APPLIED THE FULL WIDTH OF THE ROADWAY
- * CONTRACTOR SHALL PERFORM PATCHING EXISTING PAVEMENT, FULL DEPTH BEFORE APPLICATION OF 1.5" OF S9.5B



NTS



TYPICAL DETAIL OF PROJECT LIMITS AT
SIGNALIZED Y LINES



TYPICAL DETAIL OF PROJECT LIMITS AT
UNSIGNALIZED Y LINES

ADDITIONAL INTERSECTIONS (NON-TYPICAL)		
Extend paving limits to back of radius or loop on the following intersections:		
MAP#	STREET NAME	COMMENTS
	PAVE ALL STATE OWNED & TOWN STREETS TO BACK OF RADIUS FOR THIS PROJECT	

[illegible]

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

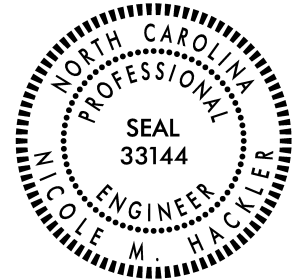
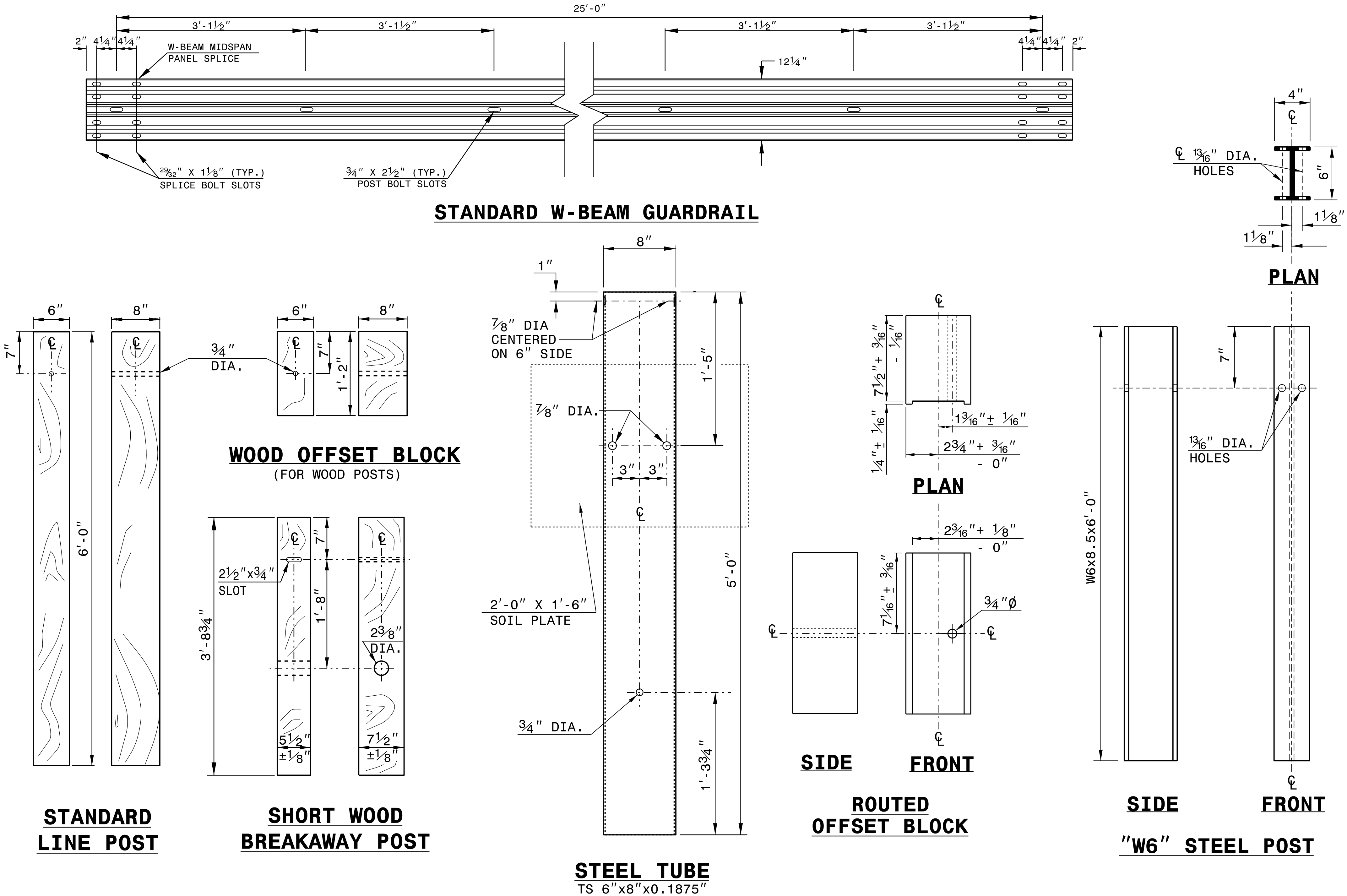
ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 6 OF 8
862D02

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 6 OF 8
862D02



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Howerton AT CSO-252595

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

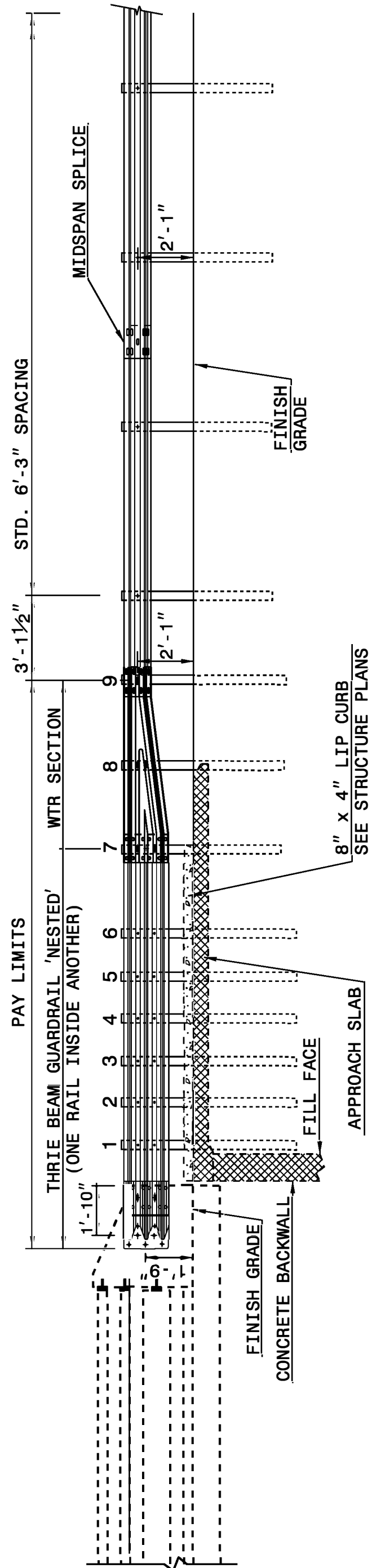
ROADWAY DETAIL DRAWING FOR
STRUCTURE ANCHOR UNITS
GUARDRAIL ANCHOR UNIT, TYPE III
FOR ATTACHMENT TO RAIL ON BRIDGE

SHEET 1 OF 7
862D03

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

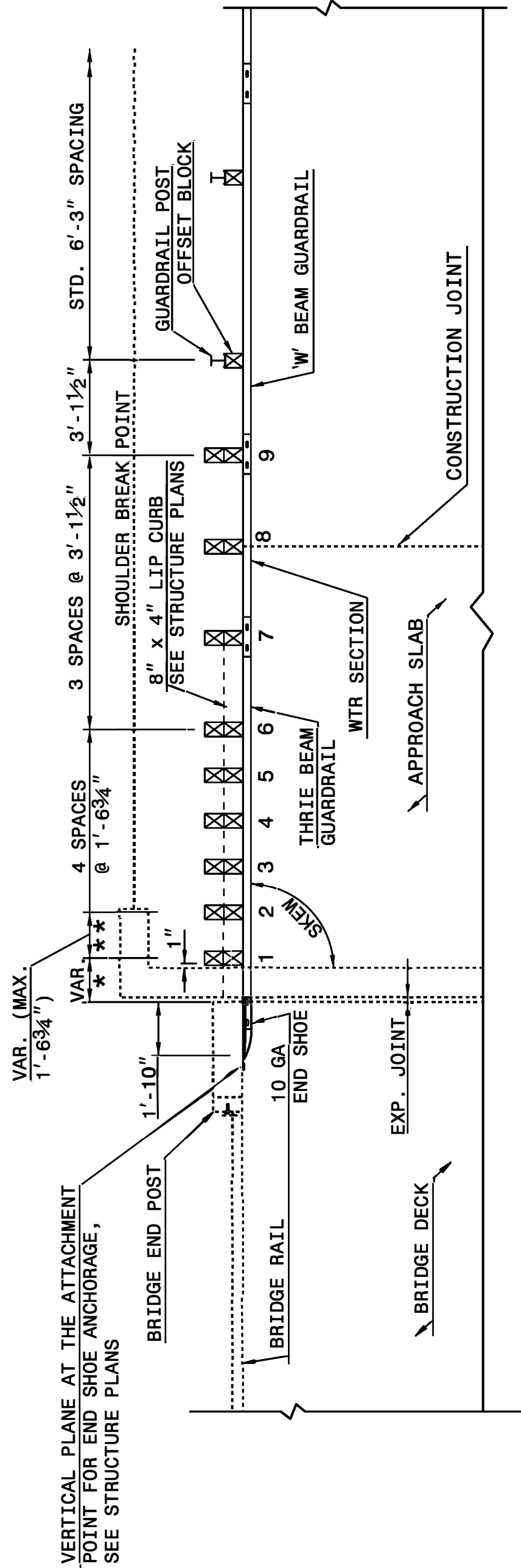
ROADWAY DETAIL DRAWING FOR
STRUCTURE ANCHOR UNITS
GUARDRAIL ANCHOR UNIT, TYPE III
FOR ATTACHMENT TO RAIL ON BRIDGE

SHEET 1 OF 7
862D03



ELEVATION

NOTE:
**POST NOT REQUIRED FOR SKEW ANGLES GREATER THAN 150° OR LESS THAN 30° UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
*THE DISTANCE FROM END OF BRIDGE RAIL TO CENTER LINE OF THE FIRST POST SHOULD BE 11 1/2" IF CONCRETE BACKWALL IS NOT PRESENT.
-SHOULDER BERM GUTTER MUST BE INSTALLED TO THE LIMITS 8" x 4" LIP CURB IS SHOWN IF ANCHOR UNIT IS NOT ADJACENT TO AN APPROACH SLAB.
-MEASURE GUARDRAIL HEIGHT FROM THE TOP OF ADJACENT SURFACE (SHOULDER, BERM, OR GUTTER).
-LAP JOINTS IN THE DIRECTION OF TRAFFIC FLOW.
-SEE SHEET 3 FOR POST SECTIONS 1 THRU 9.



**GUARDRAIL ANCHOR UNIT, TYPE III
FOR ATTACHMENT TO RAIL ON BRIDGE**

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

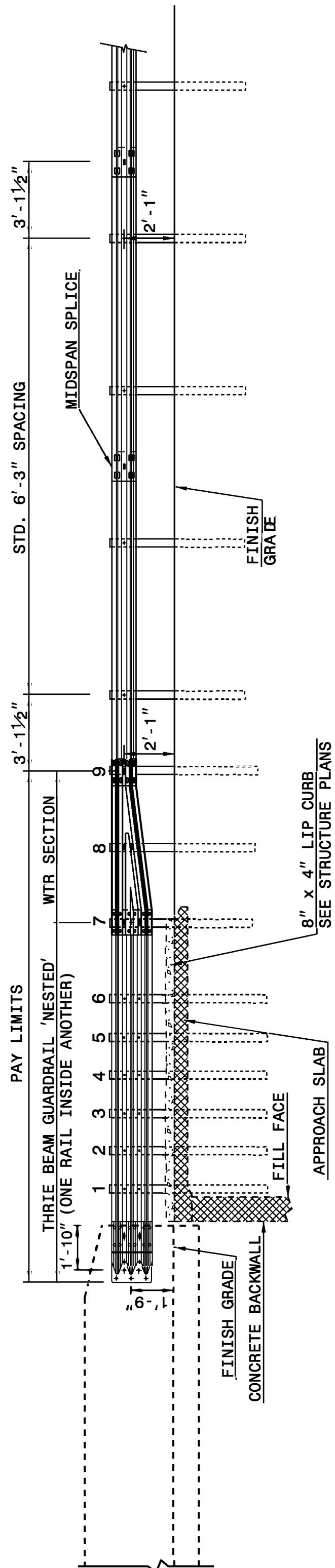
ROADWAY DETAIL DRAWING FOR
STRUCTURE ANCHOR UNITS
GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO
RAIL ON BRIDGE - SUB REGIONAL TIER

SHEET 2 OF 7
862D03

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

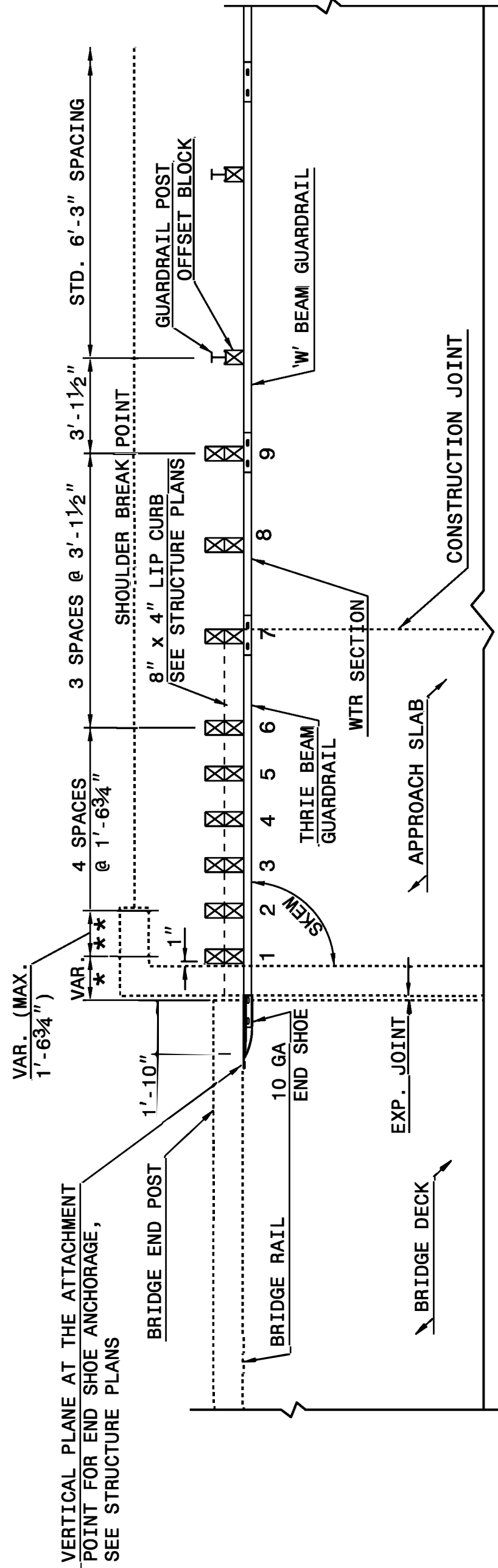
ROADWAY DETAIL DRAWING FOR
STRUCTURE ANCHOR UNITS
GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO
RAIL ON BRIDGE - SUB REGIONAL TIER

SHEET 2 OF 7
862D03



ELEVATION

NOTE:
**POST NOT REQUIRED FOR SKEW ANGLES GREATER THAN 150° OR LESS THAN 30° UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
*THE DISTANCE FROM END OF BRIDGE RAIL TO CENTER LINE OF THE FIRST POST SHOULD BE 11 1/2" IF CONCRETE BACKWALL IS NOT PRESENT.
-SHOULDER BERM GUTTER MUST BE INSTALLED TO THE LIMITS 8" x 4" LIP CURB IS SHOWN IF ANCHOR UNIT IS NOT ADJACENT TO AN APPROACH SLAB.
-MEASURE GUARDRAIL HEIGHT FROM THE TOP OF ADJACENT SURFACE (SHOULDER, BERM, OR GUTTER).
-LAP JOINTS IN THE DIRECTION OF TRAFFIC FLOW.
-SEE SHEET 3 FOR POST SECTIONS 1 THRU 9.



**GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO
RAIL ON BRIDGE - SUB REGIONAL TIER**



CONTRACT STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: J. HOWERTON DATE: 06-22-12
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: DATE:

PROJECT REFERENCE NO. SHEET NO.
2027CPT.01.03.10481 10

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PROJECT NO.	SHEET NO.	TOTAL NO.
2027CPT.01.03.10481, ETC.	11	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	MATERIAL TRANSFER VEHICLE REQUIRED	0000100000-N MOBILIZATION	0106000000-E BORROW EXCAVATION	1220000000-E INCIDENTAL STONE BASE	1245000000-E SHOULDER RECONSTRUCTION	1260000000-E AGGREGATE SHOULDER BORROW	1297000000-E MILLING ASPHALT PAVEMENT (1 1/2")	1330000000-E INCIDENTAL MILLING	1519000000-E ASP CONC SURF CRS S9.5B	1523000000-E ASP CONC SURF CRS S9.5C	1524000000-E ASP CONC SURF CRS S9.5C LEVEL	1575000000-E ASP FOR PLANT MIX	1705000000-E PATCHING EXISTING PAVEMENT (FULL DEPTH)
								MI	FT				LS	CY	TONS	SMI	TON	SY	SY	TONS	TONS	TONS	TONS	TON
2027CPT.01.03.10481	Hyde	1	US-264 E / US 264 HWY	FROM SR 1114 (FARROW FORK RD.) TO WIDTH CHANGE	1	2	2WU	2.590	25	36.860	39.450	YES	1					37,987	1,277		3,480		206	5
2027CPT.01.03.10481	Hyde	2	US-264 E / US 264 HWY	FROM WIDTH CHANGE TO SR 1320 (GOLDEN ST.)	2	2	2WU	0.610	32	39.450	40.060	NO	*					11,167	2,912		1,246	24	77	36
2027CPT.01.03.10481	Hyde	3	US-264 E / US 264 HWY	FROM SR 1320 (GOLDEN ST.) TO BRIDGE # 54	1	2	2WU	0.560	26	40.060	40.620	NO	*					8,542	624		813	3	51	51
2027CPT.01.03.10481	Hyde	4	NC-94 E / NC 94 HWY	FROM US 264 TO SR 1309 (CHURCH RD.)	3	2	2WU	7.470	22	8.540	16.010	YES	*					96,413	2,070		8,552	148	517	71
2027CPT.01.03.10481	Hyde	5	NC-94 E / NC 94 HWY	FROM SR 1309 (CHURCH RD.) TO TYRRELL CO	3	2	2WU	3.662	22	16.010	19.672	YES	*			7.32	1,355	37,584	217		3,315	42	198	5
TOTAL FOR PROJ NO. 2027CPT.01.03.10481								14.892					*			7.32	1,355	191,693	7,100		17,406	217	1,049	168
2027CPT.01.03.20481	Hyde	6	SR-1105 / RADAR RD	FROM SR 1103 (LAZY LN.) TO SR 1114 (FARROW FORK RD.)	4	2	2WU	1.500	18	0.000	1.500	NO	*	270	20	3.00				1,382			91	23
TOTAL FOR PROJ NO. 2027CPT.01.03.20481								1.500					*	270	20	3.00				1,382			91	23
51985	Hyde	4	NC-94 E / NC 94 HWY	FROM US 264 TO SR 1309 (CHURCH RD.)	3	2	2WU	7.470	22	8.540	16.010	*	*											
51985	Hyde	5	NC-94 E / NC 94 HWY	FROM SR 1309 (CHURCH RD.) TO TYRRELL CO	3	2	2WU	3.662	22	16.010	19.672	*	*											
TOTAL FOR PROJ NO. 51985								11.132					*											
GRAND TOTAL								27.524					1	270	20	10.32	1,355	191,693	7,100	1,382	17,406	217	1,140	191

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	MATERIAL TRANSFER VEHICLE REQUIRED	1881000000-E		1891000000-E	2845000000-N	3030000000-E	3045000000-E	3195000000-N	3215000000-N	3287000000-N	3360000000-E	3436000000-N	6084000000-E	6117000000-N
													GENERIC PAVING ITEM SINUSOIDAL MILLED RUMBLE STRIPS, (18")	GENERIC PAVING ITEM SINUSOIDAL MILLED RUMBLE STRIPS, (8")	GENERIC PAVING ITEM(ASPHALT PAVEMENT JOINT REJUVENATOR)	ADJ METER OR VALVE BOXES	STEEL BEAM GUARDRAIL	STEEL BEAM GUARDRAIL, SHOP CURVED	GR ANCH AT-1	GUARDRAIL ANCHOR UNITS, TYPE III	GUARDRAIL END UNITS, TYPE TL-3 (	REMOVE EXISTING GUARDRAIL	GUARDRAIL ANCHOR UNIT TYPE III SHOP CURVED	SEEDING & MULCHING	RESPONSE FOR EROSION CONTROL
								MI	FT				LF	LF	SY	EA	LF	LF	EA	EA	EA	LF	EA	ACR	EA
2027CPT.01.03.10481	Hyde	1	US-264 E / US 264 HWY	FROM SR 1114 (FARROW FORK RD.) TO WIDTH CHANGE	1	2	2WU	2.590	25	36.860	39.450	YES													
2027CPT.01.03.10481	Hyde	2	US-264 E / US 264 HWY	FROM WIDTH CHANGE TO SR 1320 (GOLDEN ST.)	2	2	2WU	0.610	32	39.450	40.060	NO				1									
2027CPT.01.03.10481	Hyde	3	US-264 E / US 264 HWY	FROM SR 1320 (GOLDEN ST.) TO BRIDGE # 54	1	2	2WU	0.560	26	40.060	40.620	NO					500	50	4	4	2	875	2		
2027CPT.01.03.10481	Hyde	4	NC-94 E / NC 94 HWY	FROM US 264 TO SR 1309 (CHURCH RD.)	3	2	2WU	7.470	22	8.540	16.010	YES			8,765.00										
2027CPT.01.03.10481	Hyde	5	NC-94 E / NC 94 HWY	FROM SR 1309 (CHURCH RD.) TO TYRRELL CO	3	2	2WU	3.662	22	16.010	19.672	YES			2,537.00										
TOTAL FOR PROJ NO. 2027CPT.01.03.10481								14.892							11,302.00	1	500	50	4	4	2	875	2		
2027CPT.01.03.20481	Hyde	6	SR-1105 / RADAR RD	FROM SR 1103 (LAZY LN.) TO SR 1114 (FARROW FORK RD.)	4	2	2WU	1.500	18	0.000	1.500	NO												1.5	1
TOTAL FOR PROJ NO. 2027CPT.01.03.20481								1.500																1.5	1
51985	Hyde	4	NC-94 E / NC 94 HWY	FROM US 264 TO SR 1309 (CHURCH RD.)	3	2	2WU	7.470	22	8.540	16.010	*	39,442	78,883											
51985	Hyde	5	NC-94 E / NC 94 HWY	FROM SR 1309 (CHURCH RD.) TO TYRRELL CO	3	2	2WU	3.662	22	16.010	19.672	*	15,375	30,750											
TOTAL FOR PROJ NO. 51985								11.132					54,817	109,633											
GRAND TOTAL								27.524					54,817	109,633	11,302.00	1	500	50	4	4	2	875	2	1.5	1

PROJECT NO.	SHEET NO.	TOTAL NO.
2027CPT.01.03.10481, ETC.	12	

THERMOPLASTIC AND PAINT QUANTITIES

												4413000000-E	4457000000-N	4685000000-E		4688000000-E		4709000000-E	4725000000-E		
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	TEMPORARY TRAFFIC CONTROL (SP)	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) WHITE	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS) YELLOW	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) WHITE	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) YELLOW	THERMOPLASTIC PAVEMENT MARKING LINES (24" 90 MILS)	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS), HANDICAP		
								MI	FT			SF	LS	LF	LF	LF	LF	LF	EA		
2027CPT.01.03.10481	Hyde	1	US-264 E / US 264 HWY	FROM SR 1114 (FARROW FORK RD.) TO WIDTH CHANGE	1	2	2WU	2.59	25	36.86	39.45	117	1			27,350	17,094				
2027CPT.01.03.10481	Hyde	2	US-264 E / US 264 HWY	FROM WIDTH CHANGE TO SR 1320 (GOLDEN ST.)	2	2	2WU	0.61	32	39.45	40.06	148	*			5,882	6,442	110	1		
2027CPT.01.03.10481	Hyde	3	US-264 E / US 264 HWY	FROM SR 1320 (GOLDEN ST.) TO BRIDGE # 54	1	2	2WU	0.56	26	40.06	40.62	141	*			5,914	3,696				
2027CPT.01.03.10481	Hyde	4	NC-94 E / NC 94 HWY	FROM US 264 TO SR 1309 (CHURCH RD.)	3	2	2WU	7.47	22	8.54	16.01	682	*			78,883	49,302				
2027CPT.01.03.10481	Hyde	5	NC-94 E / NC 94 HWY	FROM SR 1309 (CHURCH RD.) TO TYRRELL CO	3	2	2WU	3.662	22	16.01	19.672	682	*			38,671	24,169				
TOTAL FOR PROJ NO. 2027CPT.01.03.10481								14.892				1,770	*			156,700	100,703	110	1		
												257,403									
2027CPT.01.03.20481	Hyde	6	SR-1105 / RADAR RD	FROM SR 1103 (LAZY LN.) TO SR 1114 (FARROW FORK RD.)	4	2	2WU	1.5	18	0	1.5		*	15,840	9,900						
TOTAL FOR PROJ NO. 2027CPT.01.03.20481								1.5					*	15,840	9,900						
												25,740									
51985	Hyde	4	NC-94 E / NC 94 HWY	FROM US 264 TO SR 1309 (CHURCH RD.)	3	2	2WU	7.47	22	8.54	16.01		*								
51985	Hyde	5	NC-94 E / NC 94 HWY	FROM SR 1309 (CHURCH RD.) TO TYRRELL CO	3	2	2WU	3.662	22	16.01	19.672		*								
TOTAL FOR PROJ NO. 51985								11.132					*								
GRAND TOTAL								27.524				1,770	1	15,840	9,900	156,700	100,703	110	1		
												25,740								257,403	

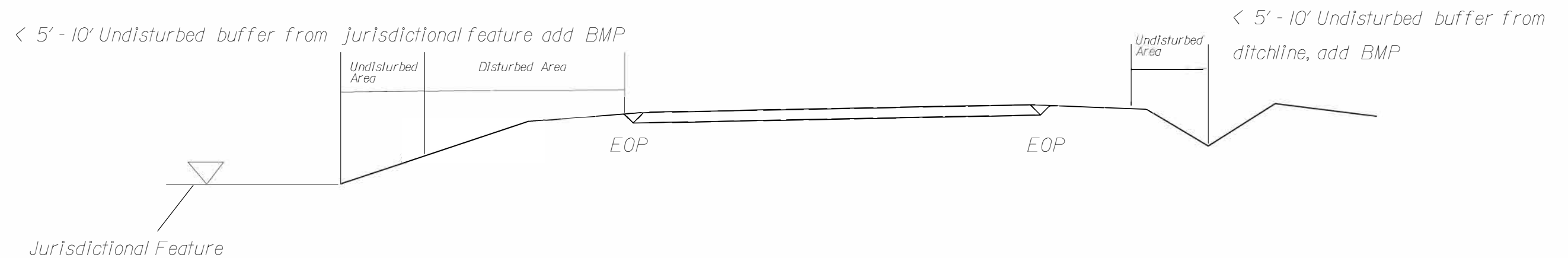
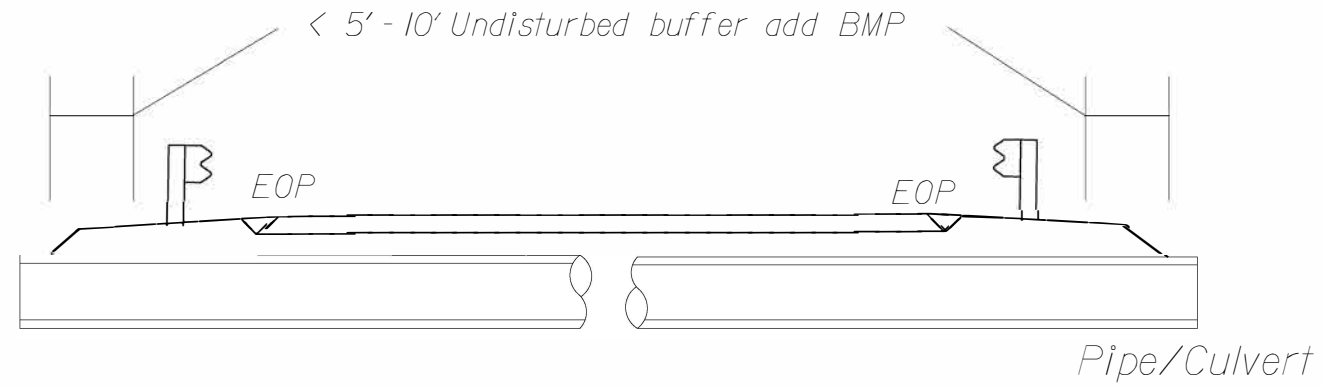
THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LANES	LANE TYPE	LENGTH	WIDTH	BEGIN MP	END MP	4725000000-E	4810000000-E		4835000000-E	4845000000-N		4895000000-N		
								MI	FT					THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS), (LT ARROW)	PAINT PAVEMENT MARKING LINES (4") WHITE	PAINT PAVEMENT MARKING LINES (4") YELLOW	PAINT PAVEMENT MARKING LINES (24")	PAINT PAVEMENT MARKING SYMBOL (LT ARROW)	PAINT PAVEMENT MARKING SYMBOL (HANDICAP)	GENERIC PAVEMENT MARKING ITEM POLYCARBONATE H- SHAPED MARKERS
2027CPT.01.03.10481	Hyde	1	US-264 E / US 264 HWY	FROM SR 1114 (FARROW FORK RD.) TO WIDTH CHANGE	1	2	2WU	2.59	25	36.86	39.45	2	27,350	17,094		2		171		
2027CPT.01.03.10481	Hyde	2	US-264 E / US 264 HWY	FROM WIDTH CHANGE TO SR 1320 (GOLDEN ST.)	2	2	2WU	0.61	32	39.45	40.06		5,882	6,442	110		1	40		
2027CPT.01.03.10481	Hyde	3	US-264 E / US 264 HWY	FROM SR 1320 (GOLDEN ST.) TO BRIDGE # 54	1	2	2WU	0.56	26	40.06	40.62		5,914	3,696				37		
2027CPT.01.03.10481	Hyde	4	NC-94 E / NC 94 HWY	FROM US 264 TO SR 1309 (CHURCH RD.)	3	2	2WU	7.47	22	8.54	16.01		78,883	49,302				493		
2027CPT.01.03.10481	Hyde	5	NC-94 E / NC 94 HWY	FROM SR 1309 (CHURCH RD.) TO TYRRELL CO	3	2	2WU	3.662	22	16.01	19.672		38,671	24,169				242		
TOTAL FOR PROJ NO. 2027CPT.01.03.10481								14.892				2	156,700	100,703	110	2	1	983		
													257,403			3				
2027CPT.01.03.20481	Hyde	6	SR-1105 / RADAR RD	FROM SR 1103 (LAZY LN.) TO SR 1114 (FARROW FORK RD.)	4	2	2WU	1.5	18	0	1.5		15,840	9,900						
TOTAL FOR PROJ NO. 2027CPT.01.03.20481								1.5					15,840	9,900						
													25,740							
51985	Hyde	4	NC-94 E / NC 94 HWY	FROM US 264 TO SR 1309 (CHURCH RD.)	3	2	2WU	7.47	22	8.54	16.01									
51985	Hyde	5	NC-94 E / NC 94 HWY	FROM SR 1309 (CHURCH RD.) TO TYRRELL CO	3	2	2WU	3.662	22	16.01	19.672									
TOTAL FOR PROJ NO. 51985								11.132												
GRAND TOTAL								27.524				2	172,540	110,603	110	2	1	983		
													283,143			3				

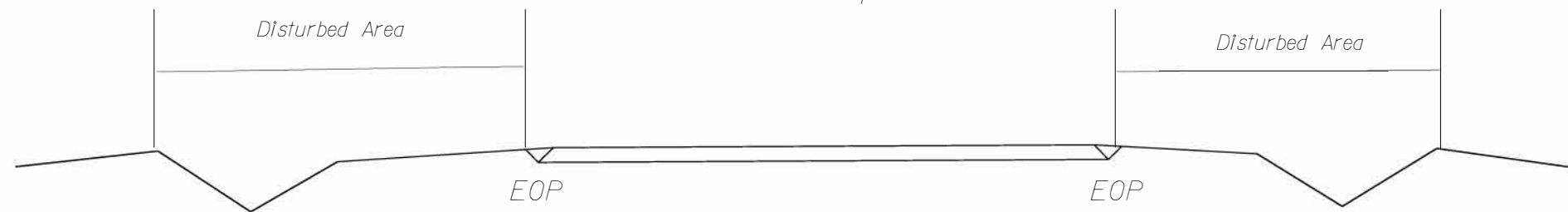
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

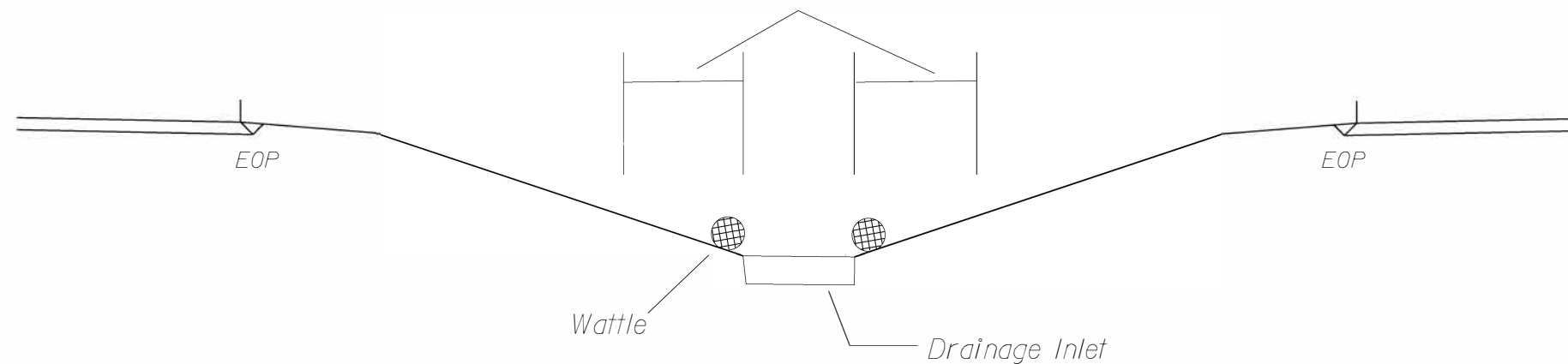
EROSION CONTROL DETAIL



Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed



< 5' - 10' Undisturbed buffer from inlet, add wattle



NOT TO SCALE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

SOIL STABILIZATION TIMEFRAMES

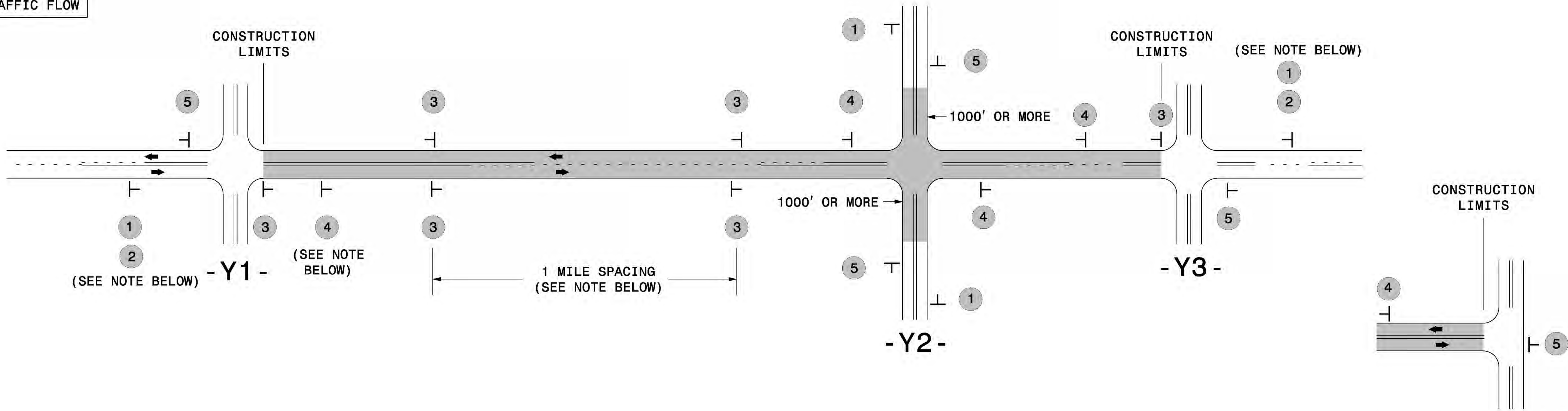
SITE DESCRIPTION	STABILIZATION TIME	TIMEFRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

SIGNING FOR RESURFACING PROJECTS

LEGEND

STATIONARY SIGN

DIRECTION OF TRAFFIC FLOW



TEE INTERSECTION

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1 2 ROAD WORK AHEAD W20-1 48" X 48" NEXT XX MILES W7-3aP 24" X 18" PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE. #2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)	NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS: 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK. ROAD WORK AHEAD W20-1 48" X 48" PLACED 500' IN ADVANCE OF FLAGGER. ROAD WORK AHEAD W20-7 A 48" X 48" PLACED 250' IN ADVANCE OF FLAGGER.
	3 LOW/SOFT SHOULDER SP 13107 48" X 48" - PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER. - AT TEE INTERSECTIONS INSTALL INITIALLY 1/2 MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.	
	4 ROAD UNDER CONST SP 13106 48" X 48" - THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. - DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. - INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. - FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. - A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN. - FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION ALONG -L- LINE.	
	5 END ROAD WORK G20-2 A 48" X 24" PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.	
	THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.	

MAPS LESS
THAN 2 MILES

FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE
REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY
ADVANCE WARNINGS SIGNS.



ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2-LANE ROADWAY
RESURFACING